

FIG. 7

[illegible]

FIG 10

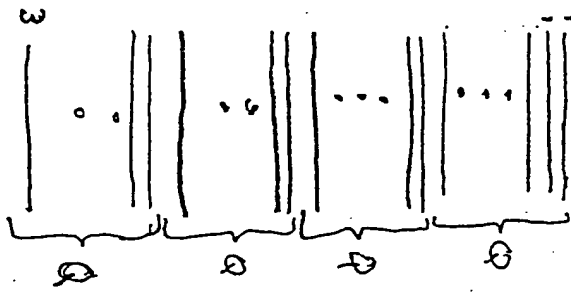
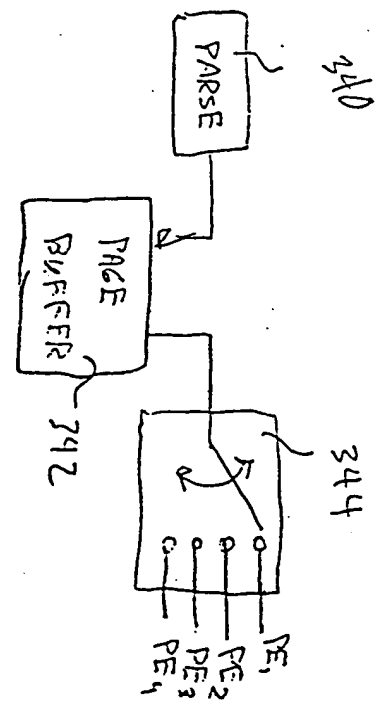


Fig. 11.



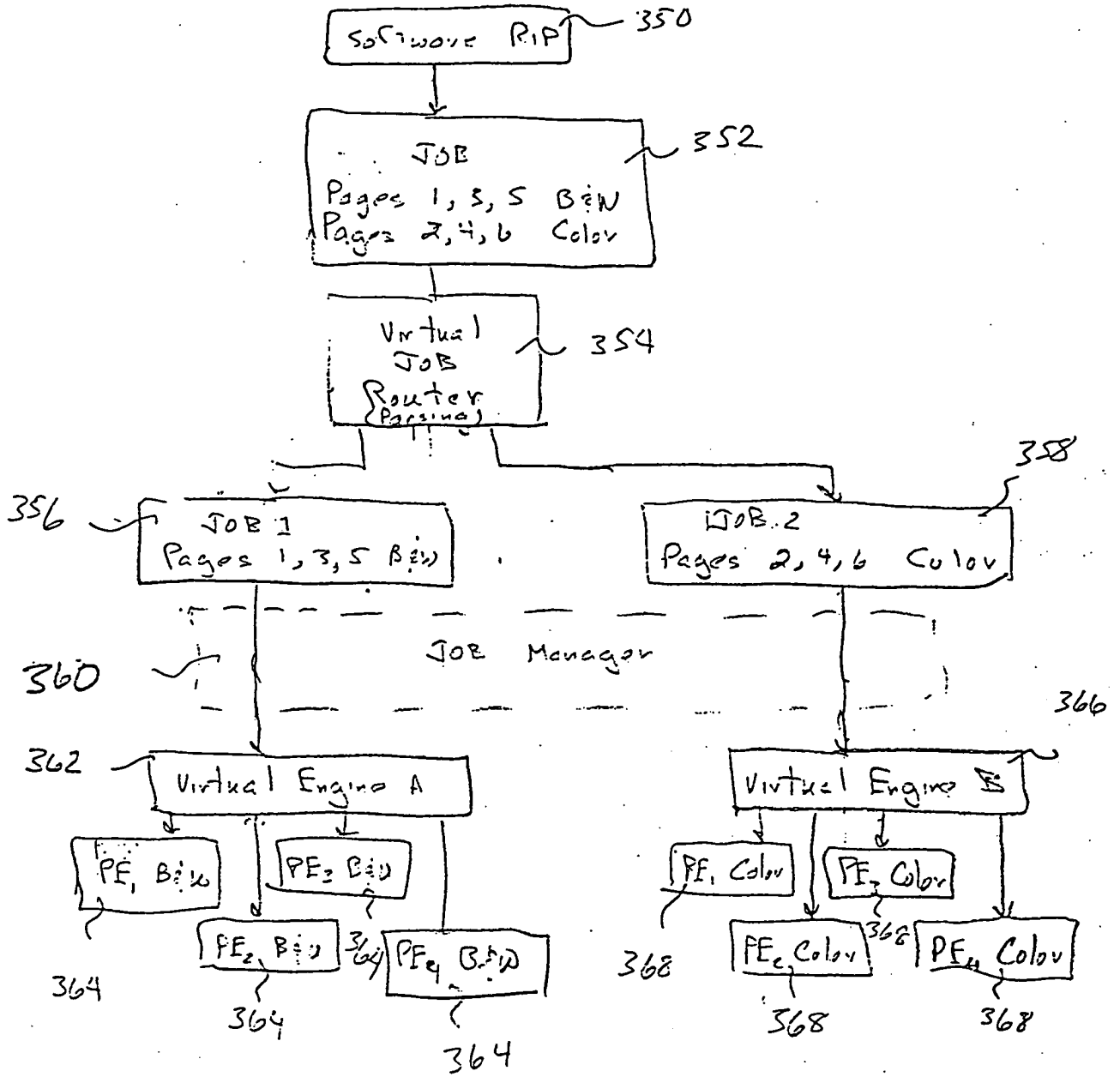


FIG 12

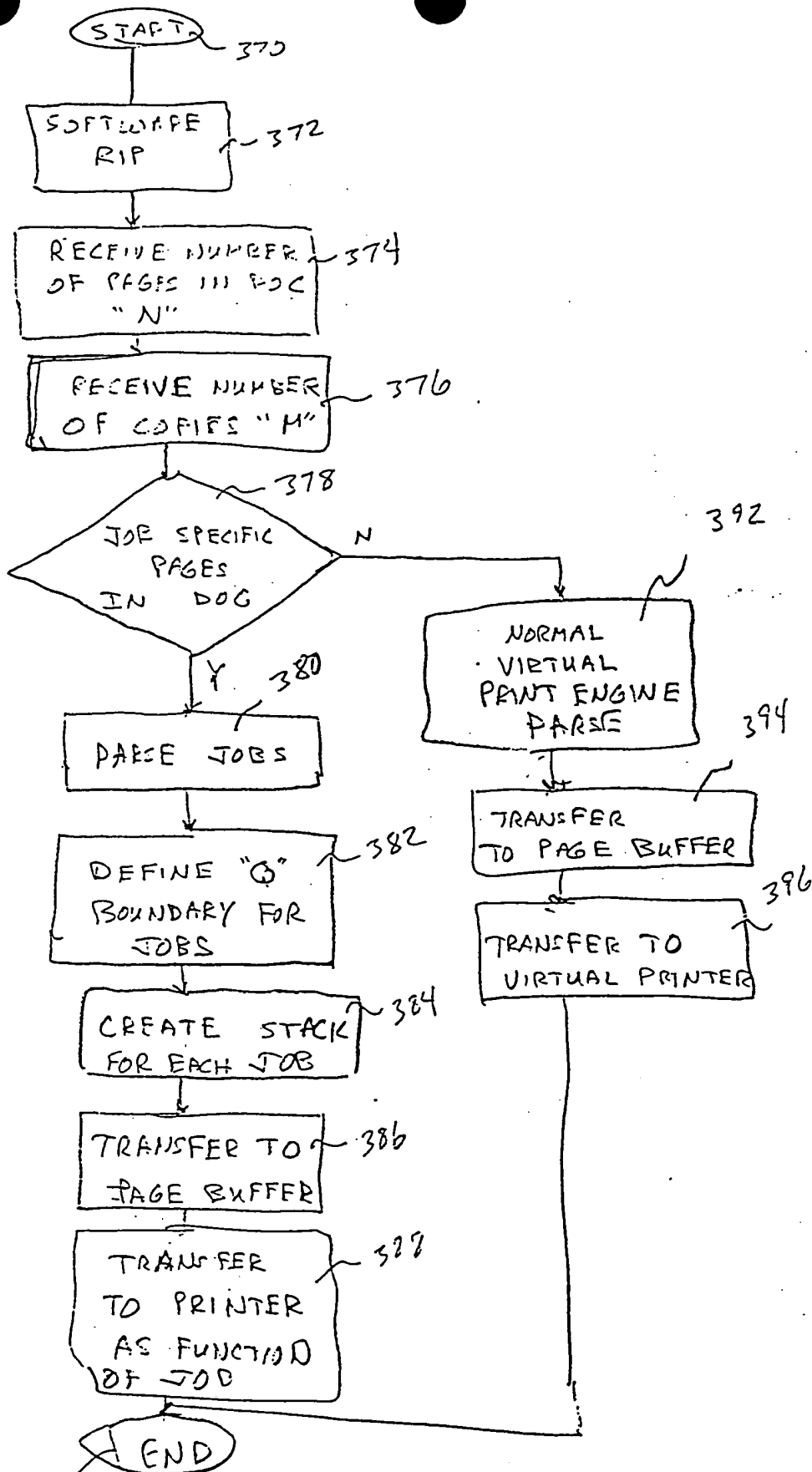


FIG 13



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS

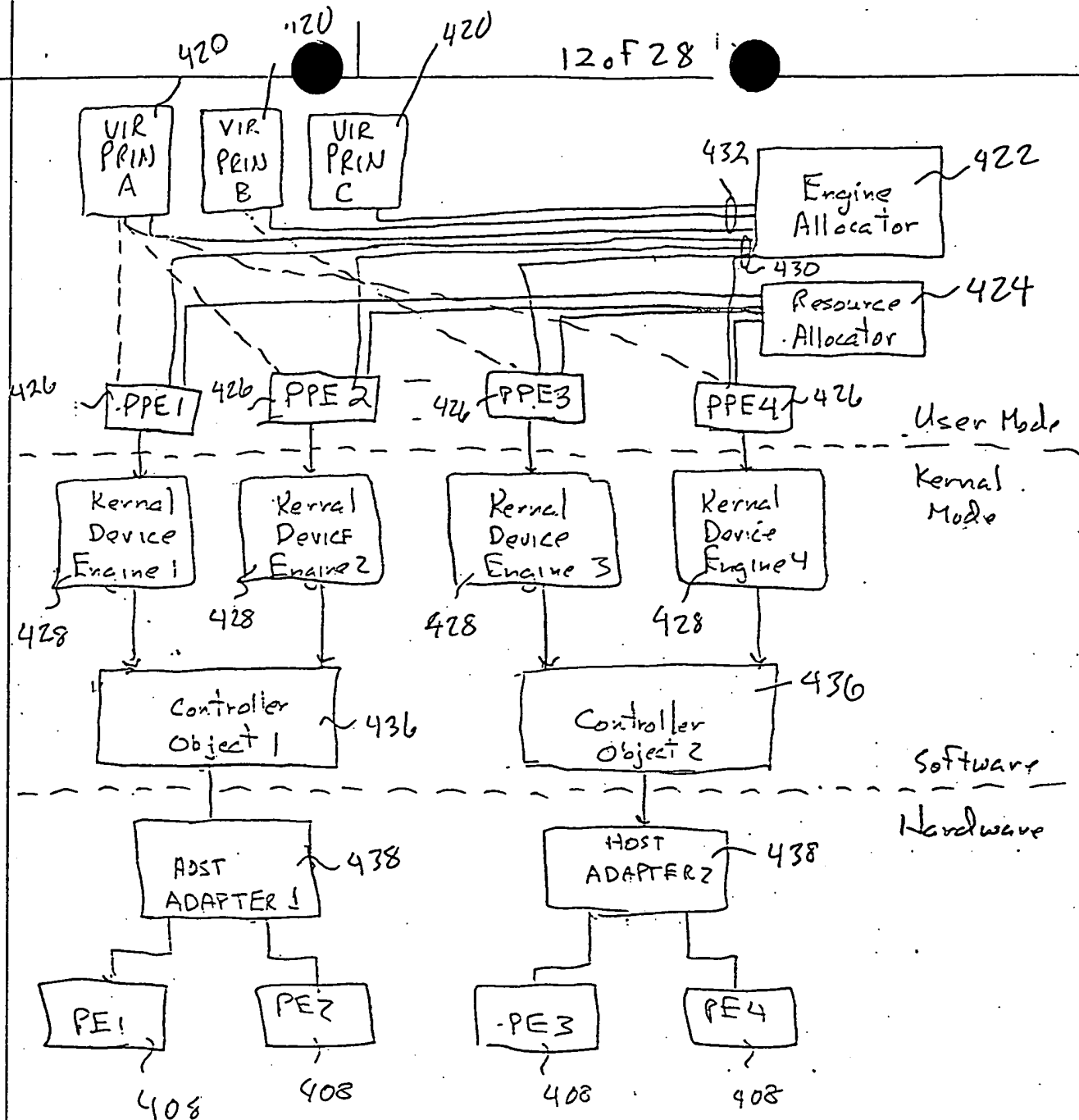


FIG 15

Engine Allocation 440

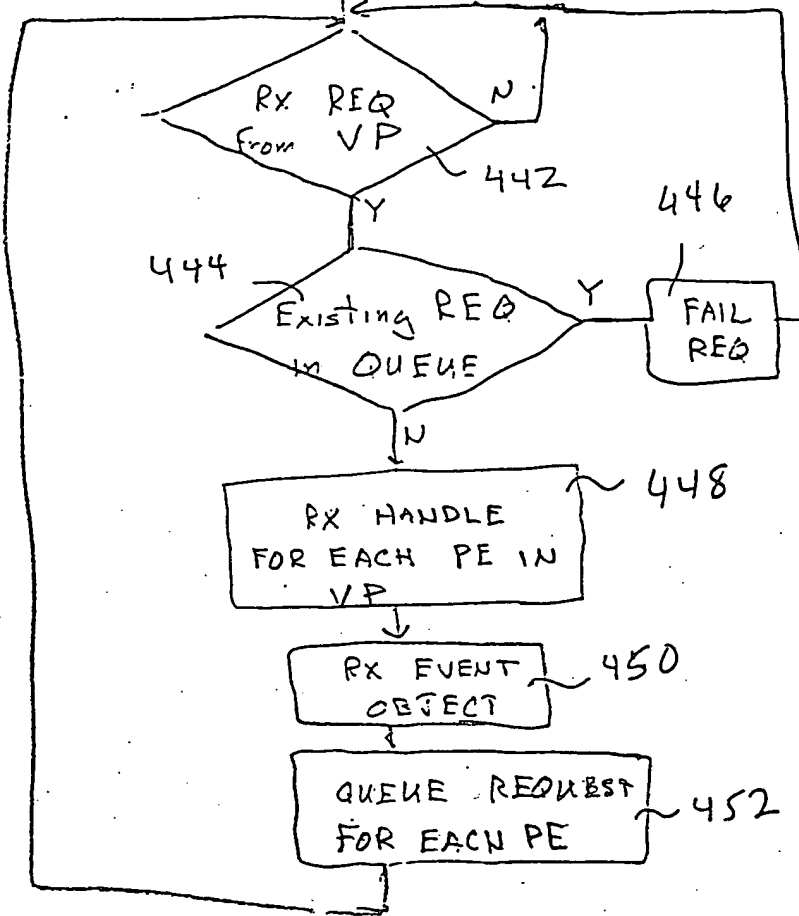


FIG 16

Engine Allocation 454

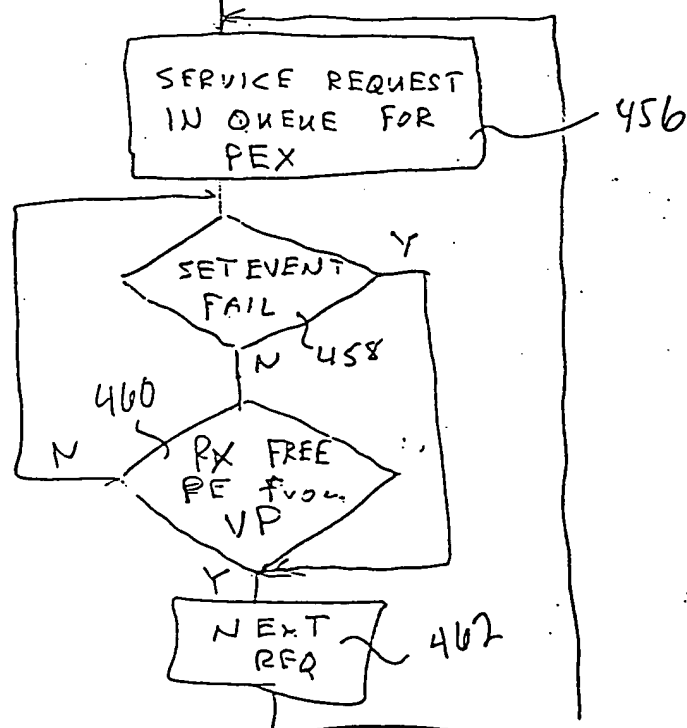
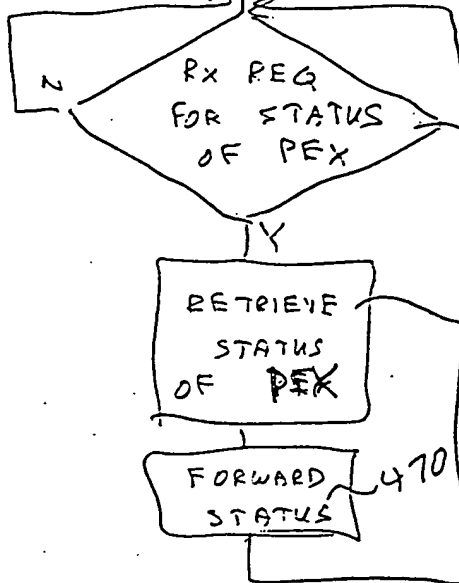


FIG 17

Engine Allocation

464



466

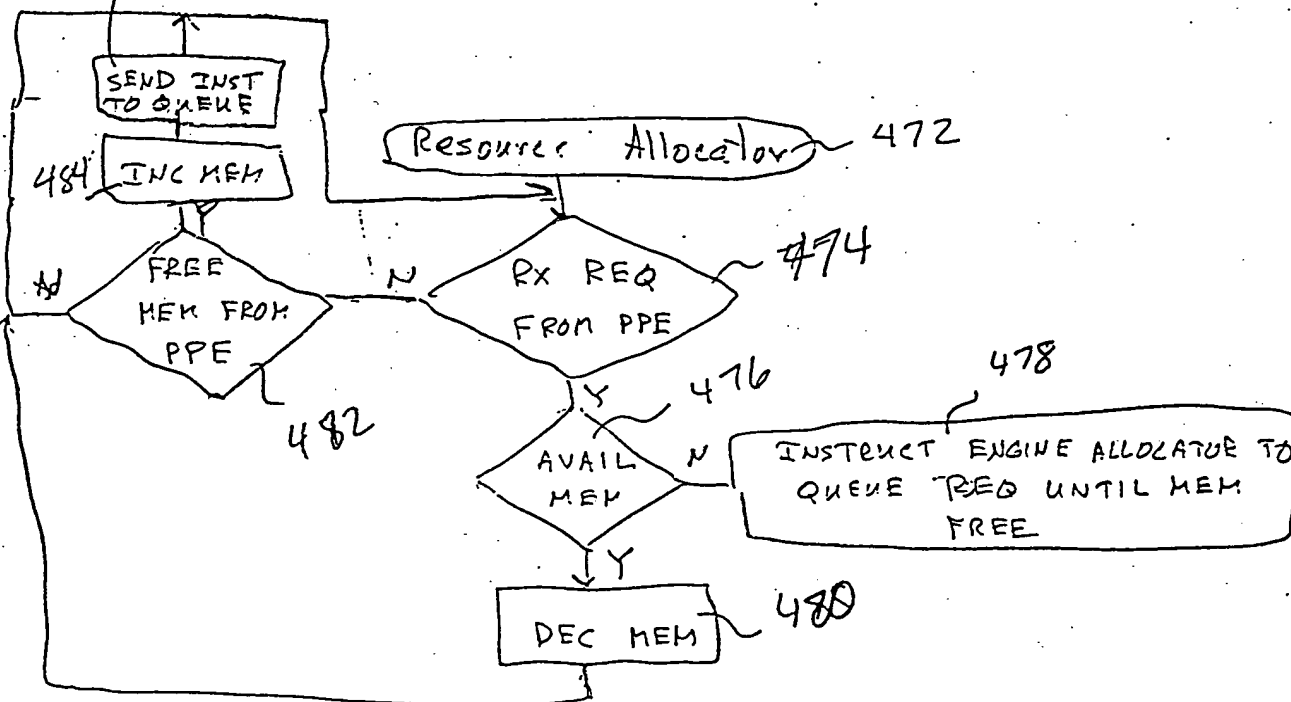
468

470

FIG 18

Resource Allocator

472



486

484

482

474

476

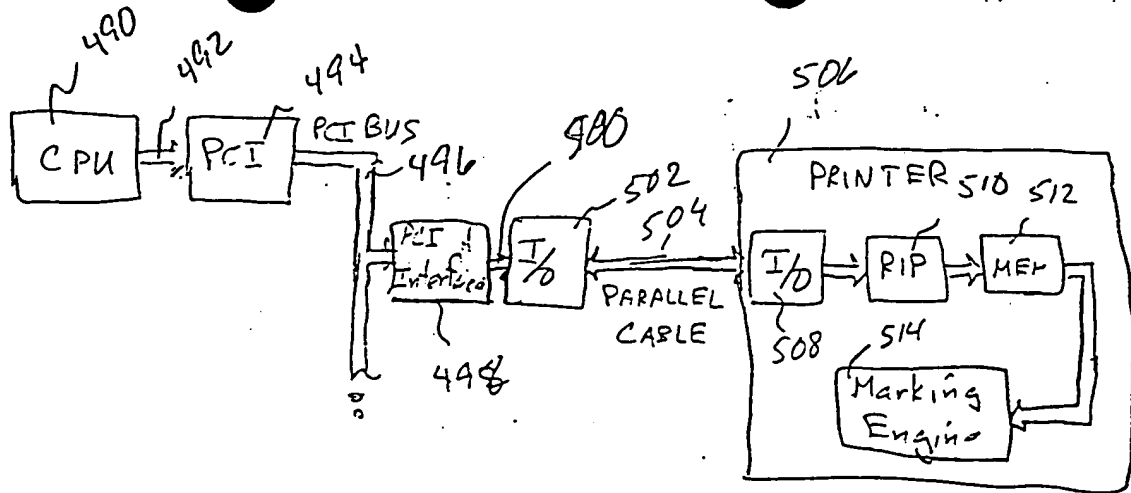
478

480

FIG 19



0010 22000000



PRIOR ART

FIG 20

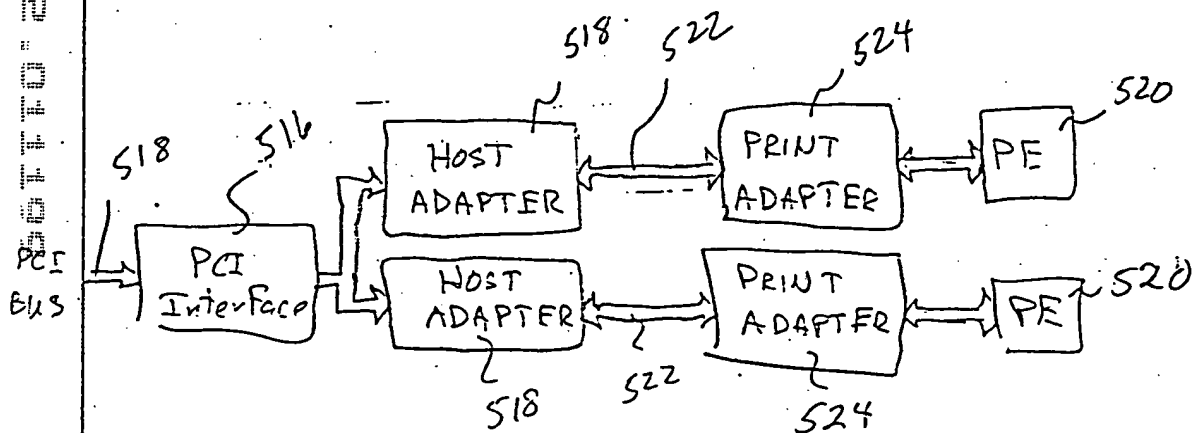
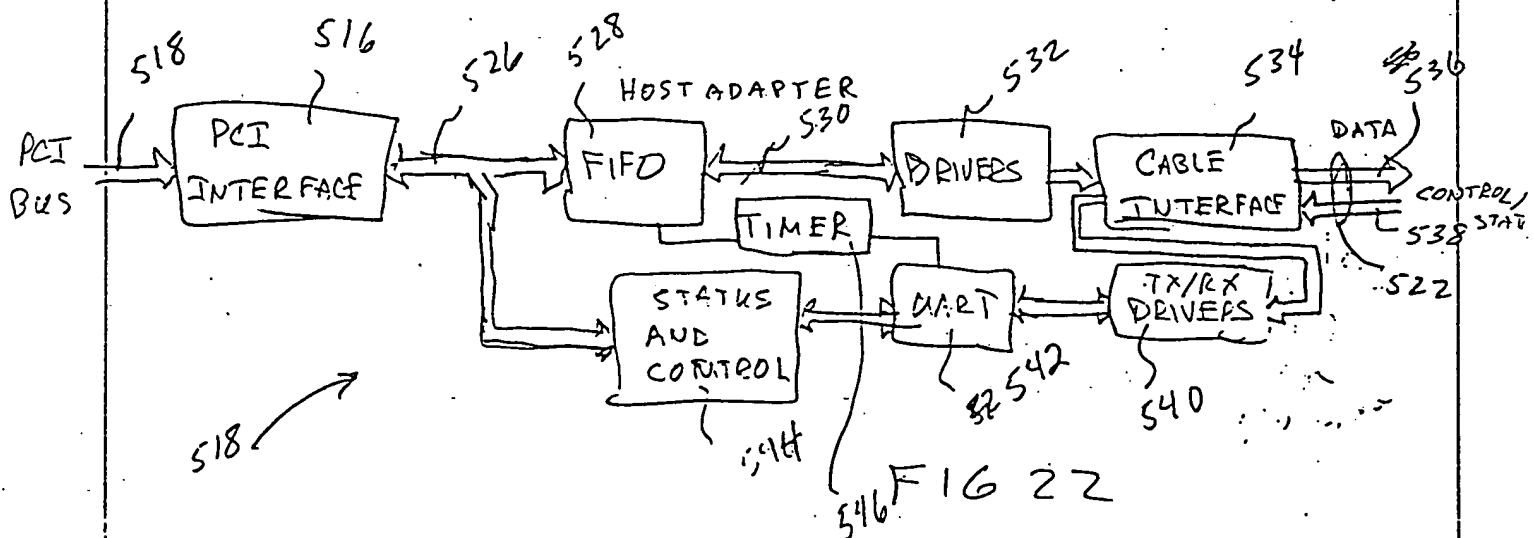


FIG 21



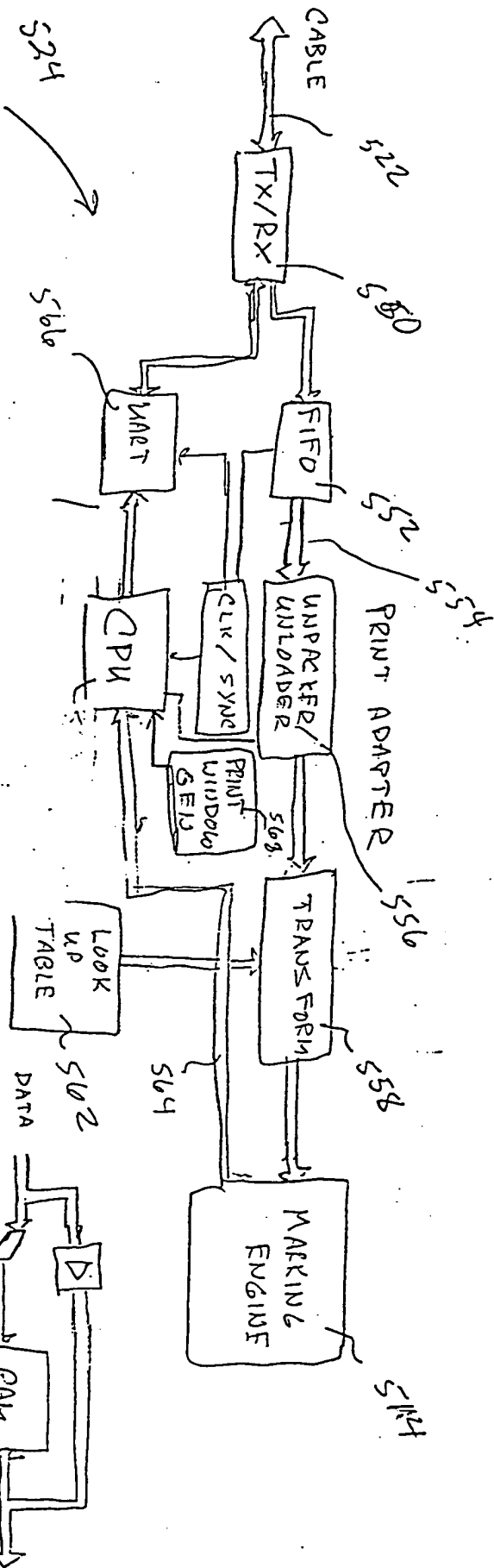
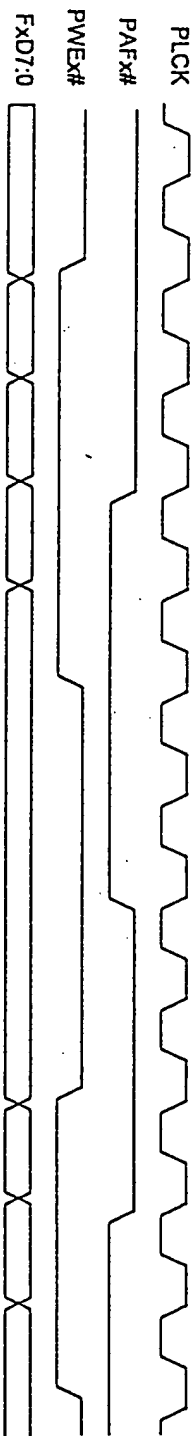


FIG 23

FIG 23a



HOST FIFO UNLOAD, PRINTER AF FLAG TOGGING

00000000 01100

FIGURE 24



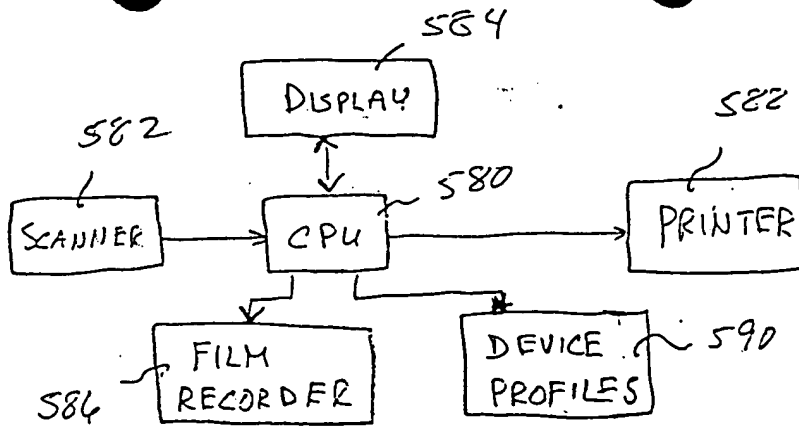
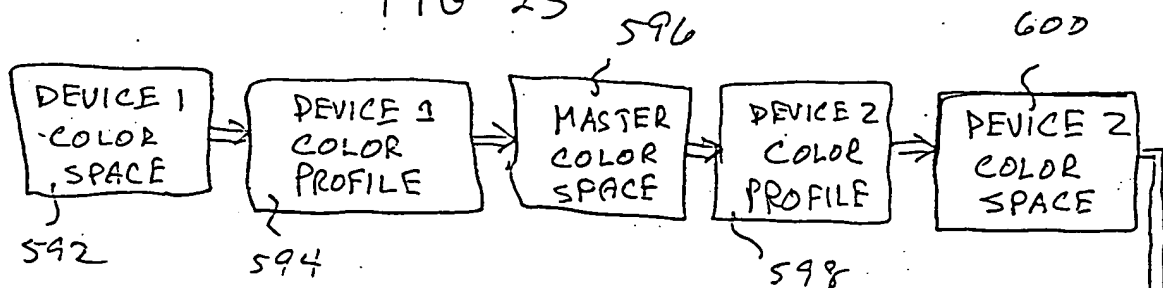


FIG 25 PRIOR ART



PRIOR ART

FIG 26

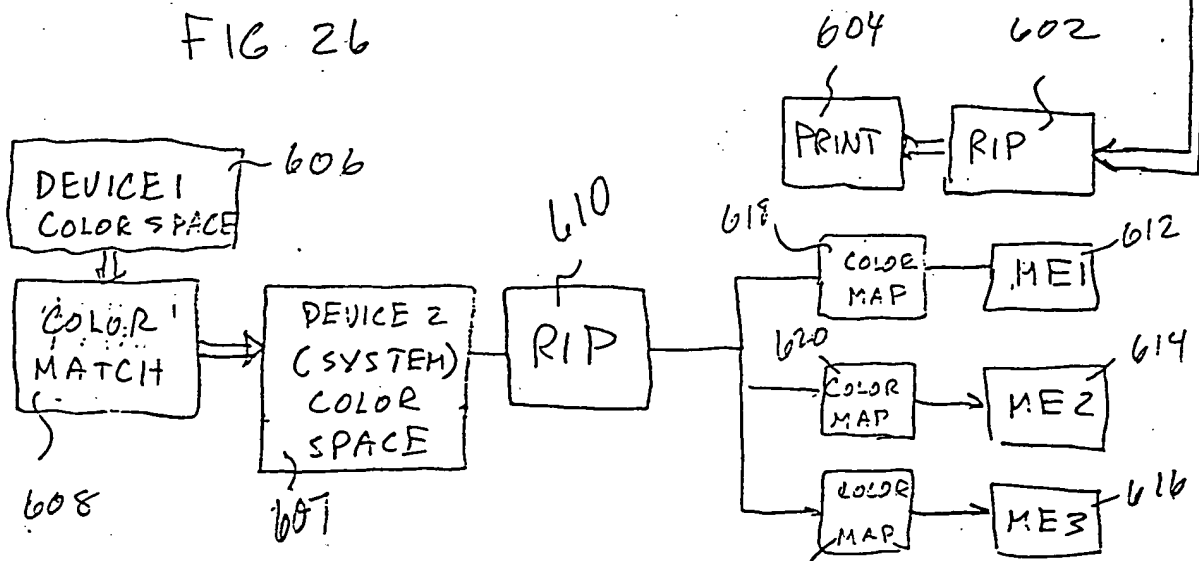


FIG 27

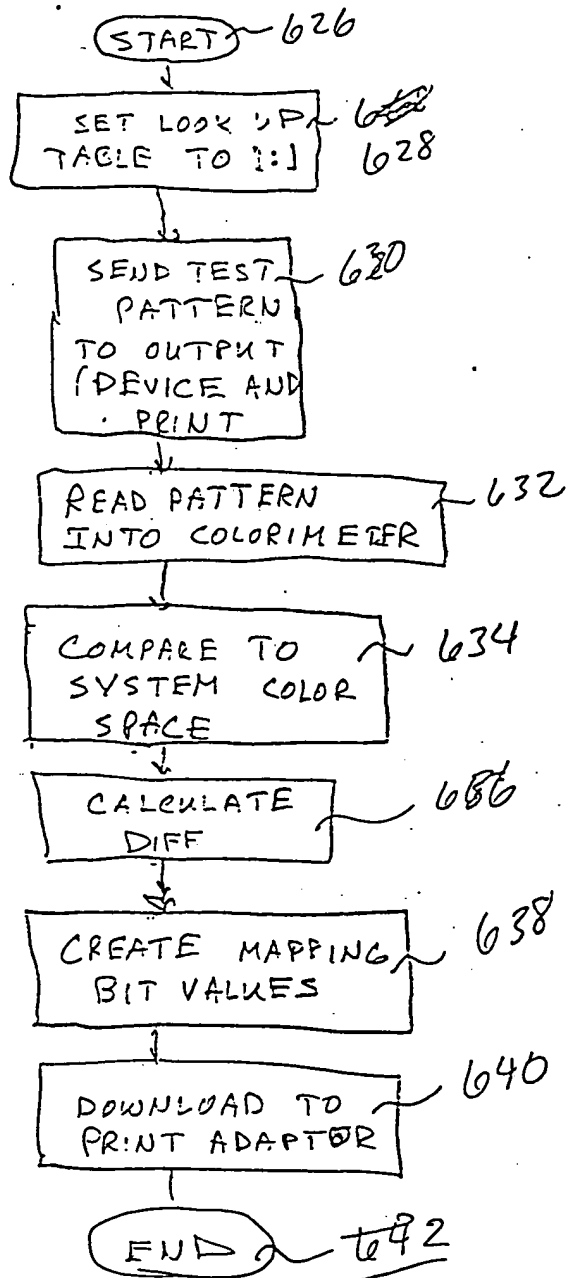


FIG 28

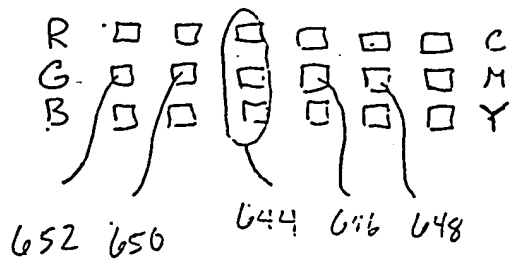


FIG 29

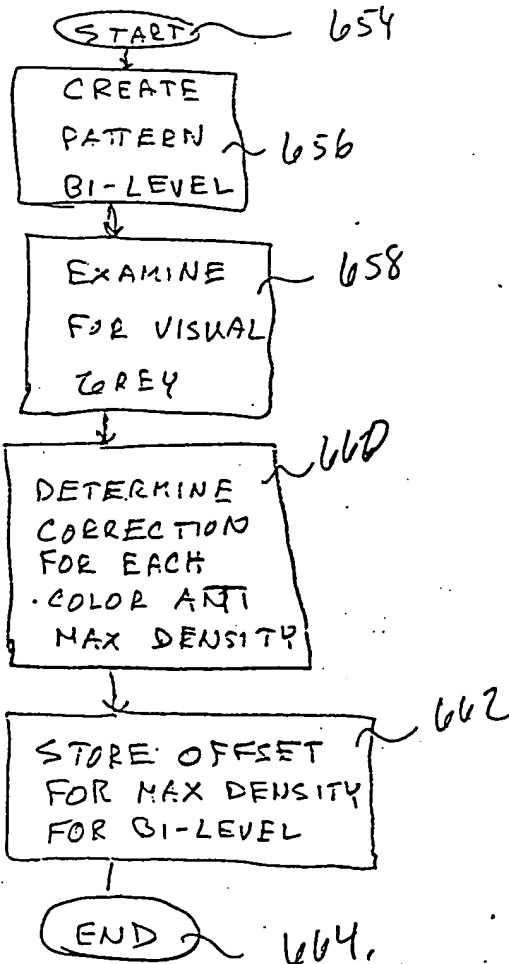
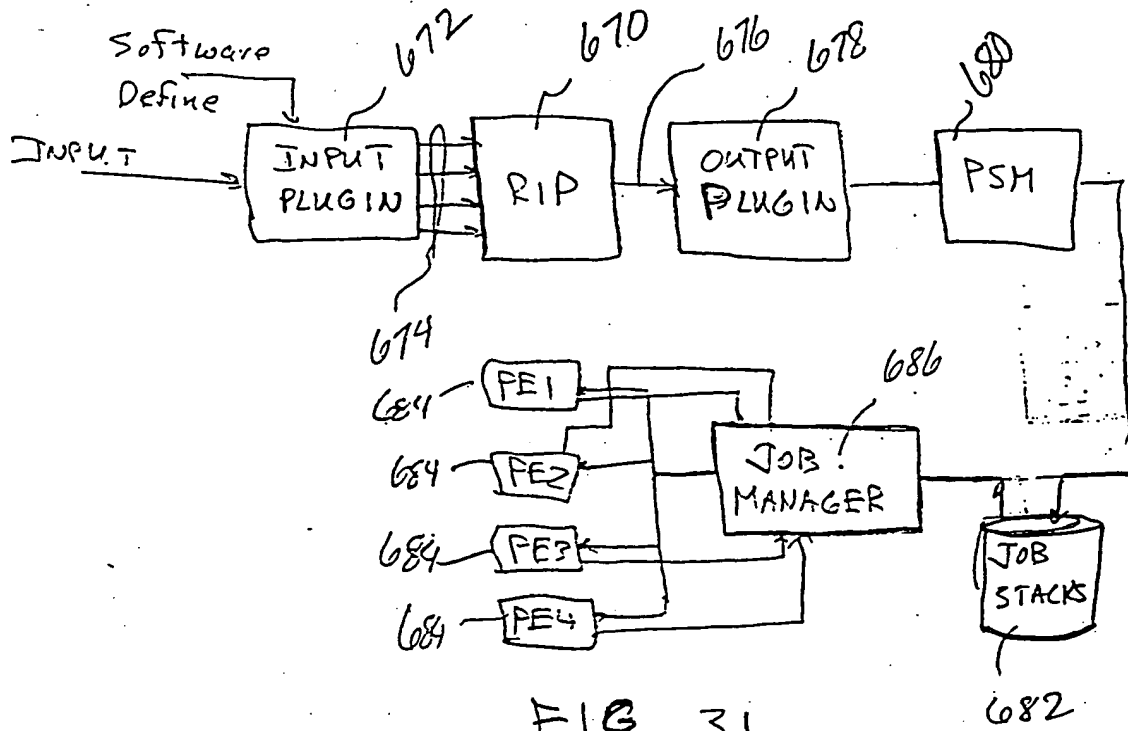


FIG 30



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



686 688 690 692 694 696 698 700 702 704 706 708 710

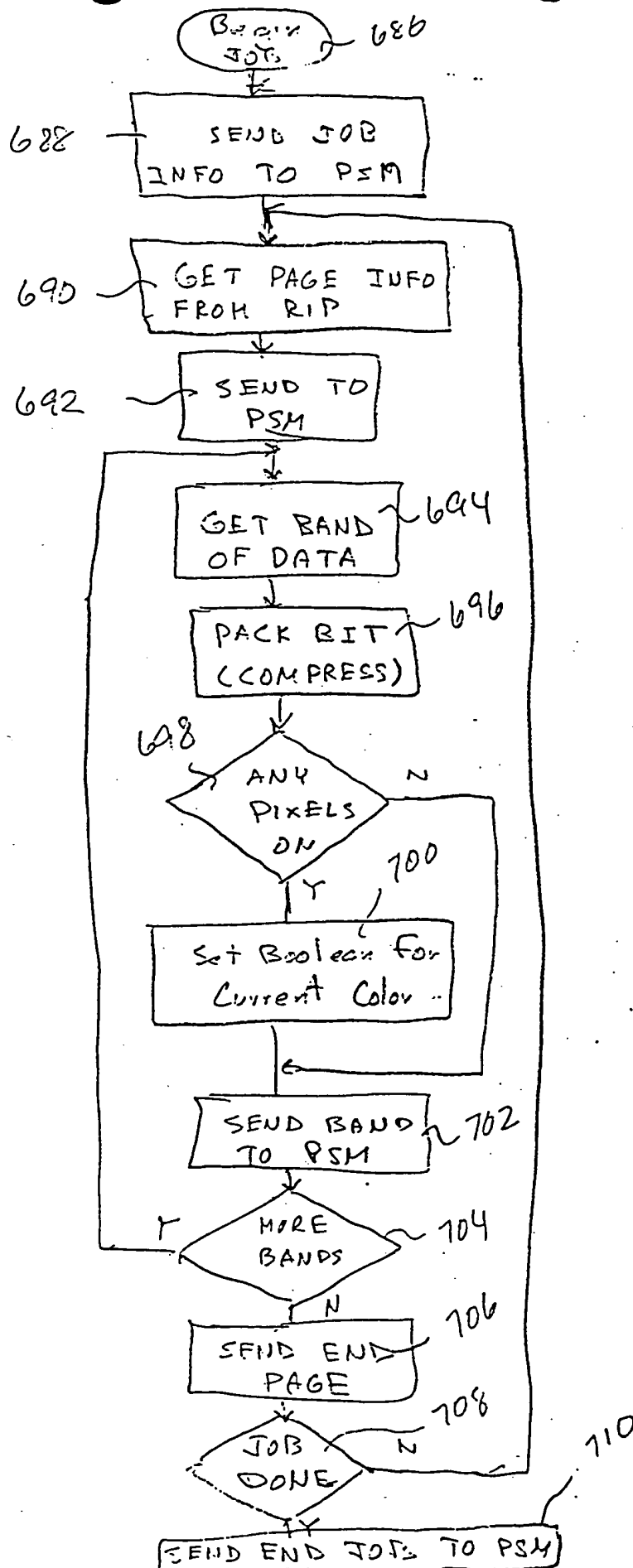
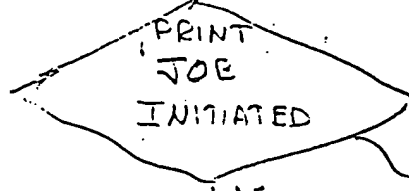


FIG 32

TONER CALCULATION



724 FETCH PAGE

726 ACCUMULATE VALUES OF PIXELS IN PAGE

778 DIVIDE ACC BY TOTAL # PIXELS

780 DEFINE AS % OF BLACK PAGE

772 Calculate TONER USED FOR PAGE

782 INC JOB TONER

780 LAST PAGE

784 TONER TOT = TONER TOT - JOB TONER

786 TONER TOT < MIN

790 SEND TONER LOW COMMAND

792 TONER TOT = TONER TOT + JOB TONER

788 PRINT JOB

794 END

FIG 73

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



66440 24332250

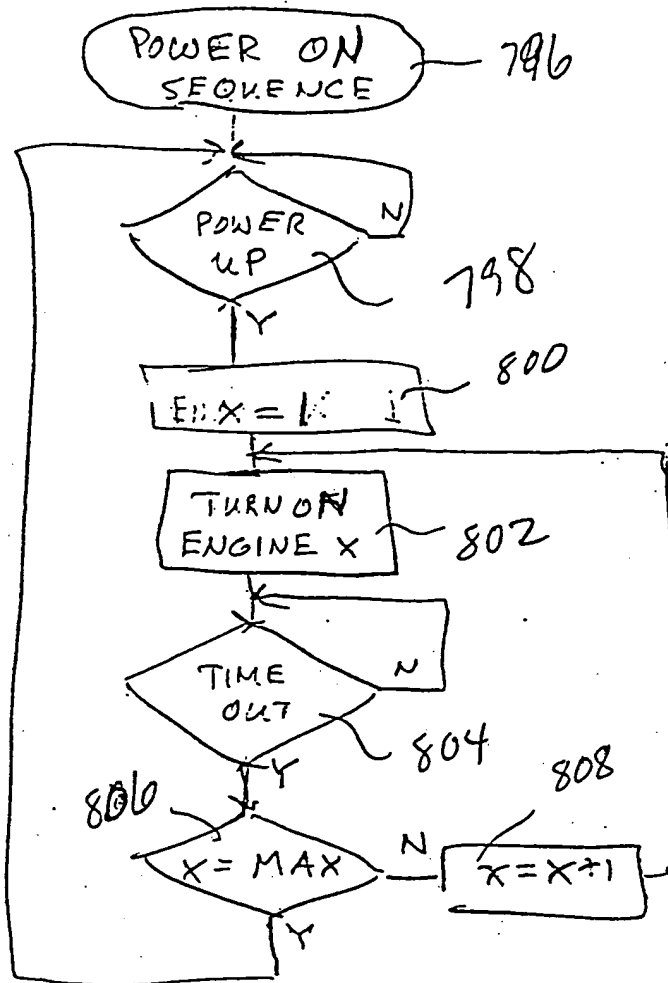


FIG.

FIG 34

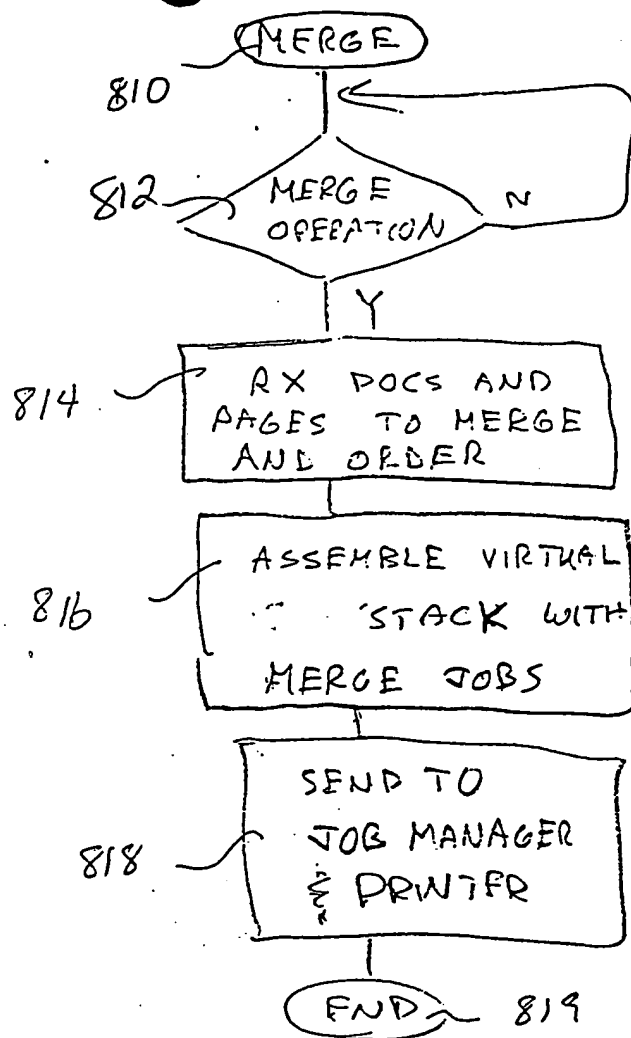


FIG 35



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



6070 200000

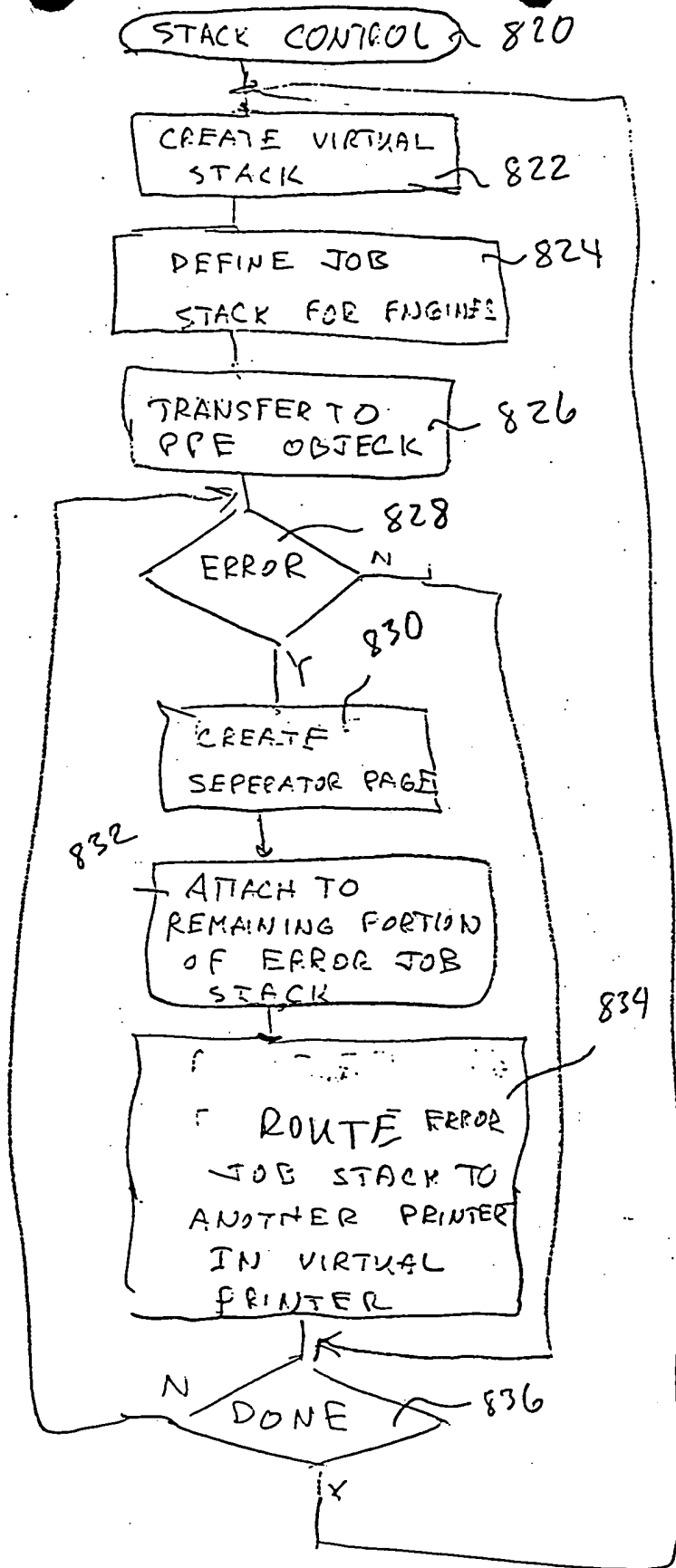


FIG 36



00110 24332350

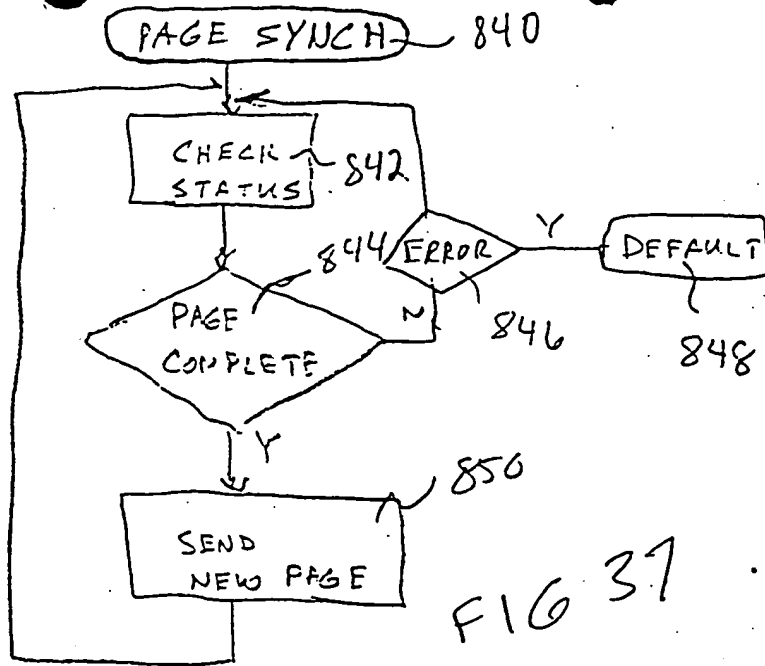


FIG 37

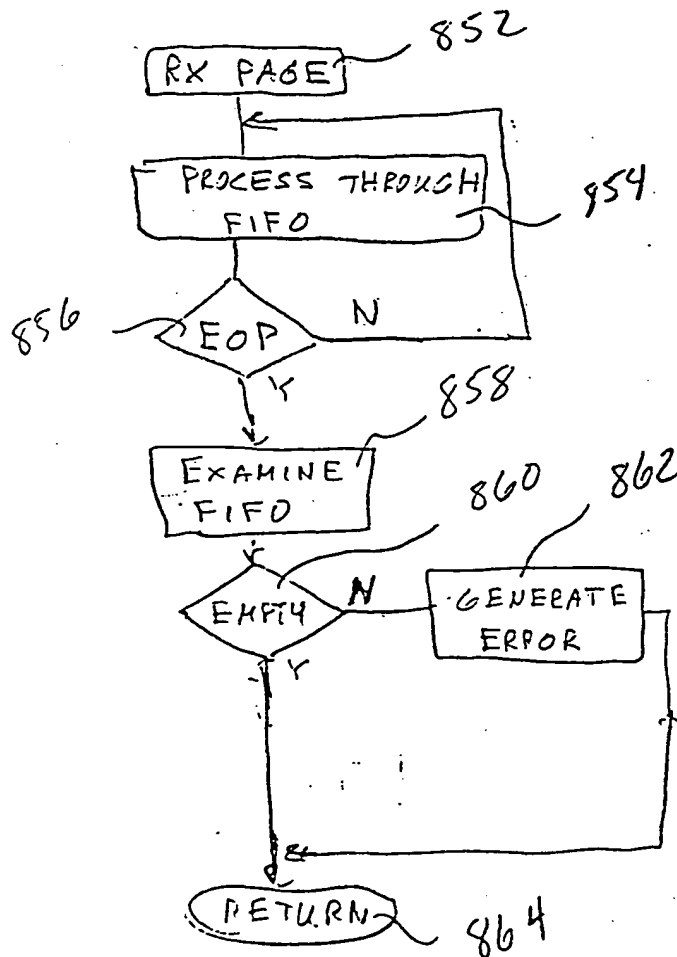


FIG 38

882

START

884
NEW JOB

885

QUEUE
INSTRUCTION
FOR PRINTED

886

CREATE
JOB SEPARATOR
WITH FINISH
CODE

888

EXECUTE
INSTRUCTION

890

FETCH
PAGE AND
PRINT

80

REQUEST

ERROR

892

INSTRUCTION
COMPLETE

894

LAST
INSTRUCTION

896

898

NEXT
INSTRUCTION

FIG 40

